IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) An ophthalmic lens mold, said mold comprising:

a first mold half having a front side and a back side, said front side defining an optical surface; and

a second mold half having a front side defining an optical surface,

wherein, upon alignment of said first mold half with respect to said second mold half so that said front sides oppose each other, a mold cavity is formed between said front sides to form an ophthalmic lens therein from a moldable material so that said optical surfaces form respective opposing optical surfaces of said ophthalmic lens, and

wherein said first mold half includes

a first section that transmits curing light from a light source and that extends from said back side to said front side, said first section including at least an area of said first mold half optical surface enclosed by an outermost circumference of said ophthalmic lens, and

a second section co-molded with said first section and that blocks said curing light, said second section disposed with respect to said first section so that

said second section prevents said curing light incident to said back side from passing through said first mold half into an area of said mold cavity that extends from said first mold half front side to said second mold half front side and that surrounds and extends radially outward of a boundary including said circumference, and

said first section passes said incident curing light to an area of said mold cavity bounded by and within said boundary;

wherein said first section includes polymethylmethacrylate and wherein said second section includes polymethylmethacrylate and butadiene.

Claims 2 – 4 (cancelled)

5. (original) The mold as in claim 1, wherein said first section optical surface is convex and wherein said first section forms a concave surface at said back side so that said first section defines a central section between said convex surface and said concave surface having a substantially uniform thickness.

6. (original) The mold as in claim 5, wherein said second section extends from said first mold half front side to said first mold half back side.

7. (original) The mold as in claim 5, wherein said first section includes at least one extension extending radially outward from said center section into said second section.

8. (original) The mold as in claim 7, wherein said extension is an elongated tab.

9. (original) The mold as in claim 1, wherein one of said first mold half and said second mold half includes a plurality of protrusions extending forward of said front side thereof to bear on the other of said first mold half and said second mold half upon said alignment of said first mold half and said second mold half so that said front sides are spaced from each other to form said mold cavity.

10. (original) The mold as in claim 9, wherein each of said first mold half and said second mold half includes a plurality of said protrusions, wherein said protrusions of said first mold half bear on said protrusions of said second mold half.

11. (original) The mold as in claim 1, wherein one of said first mold half and said second mold half includes an annular collar that, upon said alignment of said first mold half and said second mold half, receives the other said mold half and aligns said optical surface of said other mold half with respect to said optical surface of said one of said first mold half and said second mold half.

12. (original) The mold as in claim 1, wherein said second mold half includes a back side, a said first section and a said second section.

13. (original) The mold as in claim 1, wherein said curing light is ultraviolet light.

14. (original) The mold as in claim 1, wherein said curing light is collimated.

15. (currently amended) An ophthalmic lens mold, said mold comprising:

a first mold half having a center section defining an optical surface having a circular circumferential edge; and

a second mold half having a center section of substantially defining an optical surface,

wherein one of said optical surfaces is convex and the other of said optical surfaces is concave,

wherein, upon alignment of said first mold half with respect to said second mold half so that said optical surfaces oppose each other, a mold cavity is formed between said mold halves to form an ophthalmic lens therein from a moldable material so that said optical surfaces form respective opposing optical surfaces of said ophthalmic lens, and

wherein said first mold half includes

a first section that transmits curing light from a light source and that includes at least said first mold half center section, and

a second section co-molded with said first section and that blocks said curing light, said second section surrounding said first section so that said second section prevents said curing light from passing through said first mold half into an area of said mold cavity that extends radially outward of a boundary parallel to said axis and including said circumferential

edge and so that said first section passes said curing light to an area of said mold cavity bounded by and within said boundary;

wherein said first section includes polymethylmethacrylate said second section includes polymethylmethacrylate and butadiene.

16. (original) The mold as in claim 15, wherein said center section has a substantially uniform thickness.

Claims 17 and 18. (canceled)

19. (original) The mold as in claim 15, wherein said first section includes at least one extension extending radially outward from said center section into said second section.

20. (original) The mold as in claim 15, wherein

one of said first mold half and said second mold half includes an annular collar that, upon said alignment of said first mold half and said second mold half, receives the other said mold half and aligns said optical surface of said other mold half with respect to said optical surface of said one of said first mold half and said second mold half, and

at least one of said first mold half and said second mold half includes protrusions extending therefrom to space said mold halves from each other to form said mold cavity upon said alignment of said first mold half with said second mold half.

21. (original) The mold as in claim 20, wherein said other mold half includes a plurality of protrusions that extend radially therefrom and, upon said alignment of said first mold half and said second mold half, bear on said collar.

22. (original) The mold as in claim 15, wherein said second mold center section has a circular circumferential edge of an equal diameter as said first mold half center section circumferential edge, and wherein said second mold half includes a said first section and a said second section.

23. (original) The mold as in claim 15, wherein said curing light is ultraviolet.

24. (original) The mold as in claim 15, wherein said curing light is collimated.

25. (currently amended) An ophthalmic lens mold, said mold comprising:

a first mold half having a center section defining an optical surface having a circular circumferential edge; and

a second mold half having a center section defining an optical surface,

wherein one of said optical surfaces is convex and the other of said optical surfaces is concave,

wherein, upon alignment of said first mold half with respect to said second mold half so that said optical surfaces oppose each other, a mold cavity is formed between said mold halves

to form an ophthalmic lens therein from a moldable material so that said optical surfaces form respective opposing optical surfaces of said ophthalmic lens,

wherein said first mold half includes

a first section that transmits curing light and that includes said first mold half center section, and

a second section co-molded with said first section and that blocks said light, said second section surrounding said first section so that said second section prevents collimated said curing light from passing through said first mold half parallel to the axis of said circumferential edge into an area of said mold cavity that extends radially outward of a boundary parallel to said axis and includes said circumferential edge and so that said first section passes said collimated light to an area of said mold cavity bounded by and within said boundary,

wherein said first section includes at least one extension extending radially outward from said center section into said second section, and

wherein one of said first mold half and said second mold half includes an annular collar that, upon said alignment of said first mold half and said second mold half, receives the other said mold half and aligns said optical surface of said other mold half with respect to said optical surface of said one of said first mold half and said second mold half;

wherein said first section includes polymethylmethacrylate said second section includes polymethylmethacrylate and butadiene.